

2 Port USB to RS232 RS422 RS485 Serial Adapter with COM Retention

StarTech ID: ICUSB2324852

The ICUSB2324852 2-port, wall-mountable USB Serial Adapter lets you connect every type of serial device to your USB-enabled computer, whether it be for RS232, RS422, or RS485 communication. The adapter features a 9-pin (DB9) male and a 5-pin terminal block serial connector as well as dipswitch controls for easy port configuration with minimal software requirements. The adapter also supports using 2 ports simultaneously, including with mixed protocols; for example RS-232 on port 1, and RS-485 on port 2, or a number of other combinations.

For a convenient, and clean installation in an office or industrial setting, the RS232/RS422/RS485 USB Adapter is wall-mountable and fully powered via the host USB connection, providing power to the attached serial device without requiring an external power adapter.

Applications and Solutions

- Perfect for controlling, monitoring, and diagnosing manufacturing machines (CNC, Process Control Equipment, Bar Code Scanners, Serial Printers)
- Great for Industrial programmers looking to test new code with serial devices
- Security device control (key panels, cameras, card readers)
- Connect serial RS232, RS422, or RS485 devices to notebooks or tablet PC's through the USB port
- Adapting and expanding POS systems

Features

- Port 1 (DB9) configurable for RS232, RS422, or RS485; Port 2 (Terminal Block) configurable for RS422 or RS485
- COM Port assignments maintained after reboot
- Multiple interface modes, including: 4 wire RS422(TxD+/-, RxD+/-), and 2 wire RS485 (DATA+, DATA-)
- Both ports can function simultaneously with mixed or matched communication protocols
- Ability to rename devices for easy recognition
- USB-powered; No additional external power adapter required
- External power adapter can be used (not required) if your device needs extra power beyond what the USB host can provide
- Includes a bracket for wall mounting the USB to Serial adapter
- Transmission Echo for RS485 collision detection
- Supports RS-485 Auto Transceiver Turn Around by Unique Featured ATTA Hardware
- Features rugged screw-lock USB port to ensure cords are not accidentally disconnected
- Backwards compatible with USB 1.1

Technical Specifications

- Warranty: 1 Year warranty
- Chipset ID: FTDI - FT2232H
- Color: Gray
- Product Height: 0.91 in [23.2 mm]
- Humidity: 5% to 95% RH
- Product Length: 3.24 in [82.3 mm]
- Number of Ports: 2
- Operating Temperature: 0°C to 55°C (32°F to 131°F)
- Storage Temperature: -20°C to 85°C (-4°F to 185°F)
- Product Weight: 10.59 oz [300 g]
- Product Width: 1.74 in [44.2 mm]
- Max Baud Rate: 921.6Kbps
- Data Bits: 7, 8
- Stop Bits: 1 and 2
- Parity: Odd, Even, Mark, Space, and None
- Flow Control: Xon/Xoff, Hardware, and None
- LED Indicators: 1 - Red - Power LED
- Bus Type: USB 2.0
- Connector Types: 1 - USB B Female
- Connector Types: 1 - DB9 Male
- Connector Types: 1 - Terminal Block
- Power Adapter Included: Optional
- Output Voltage: 5 DC
- Output Current: 385mA
- Center Tip Polarity: Positive
- Plug Type: B
- OS Compatibility: Windows 98SE/ ME/ 2000/ XP(32/64bit)/ 2003(32/64bit)/ Vista(32/64bit)/ Server 2008(32/64bit)/ 7(32/64bit)/ Server 2008 R2, Mac 9.8/OS X, Linux 2.4.x and up;
Windows XP Embedded, CE 4.2/ 5.2/ 6.0, PocketPC 2003, Mobile 5, 6
- Shipping (Package) Weight: 12.35 oz [350 g]
- Carton Quantity: 50

